

DTK-DP4P Series

Pan/Tilt/Zoom Camera Surge Protection



DTK-DP4P

DTK-DP4PTPV

Product Features

- Each compact design protects power, video and four data conductors
- 5 Amp, 12/24V circuit protects power feeds to camera, heater, blower, defroster
- Single point ground improves protection and speeds installation
- Multi-stage, SAD technology, hybrid design provides the best possible protection

Applications

- PTZ Analog Cameras with Coax (DTK-DP4P) or Twisted Pair Video (DTK-DP4PTPV) Connections
- HD-CVI, AHD and HD-TVI Cameras

Accessories

- DIN Rail Mounting Kit – Part Number DTK-DRK

DITEK's DTKDP4P Series protects all the sensitive feeds to critical Pan/Tilt/Zoom cameras, not just the video cable. The DP4P protects 12/24 Volt power conductors, 5 Volt RS-422 data pairs, and video conductors – all in one compact design. With the lowest video let through voltage (and best surge protection) on the market, the DP4P provides ideal surge protection for today's sensitive, sophisticated PTZ cameras.

Technical Specifications

Part Number:	DTK-DP4P	DTK-DP4PTPV
Service Voltage (Power/Data):	12/24V AC/DC (Power), <5VDC (Data)	
Service Voltage (Video):	2V peak-to-peak	<5V peak-to-peak
Clamping Voltage (Power/Data):	33VAC, 47VDC (Power), 6.8VDC (Data)	
Clamping Voltage (Video):	2.8VDC	
Protection Modes (Power/Data):	All Lines to Ground	
Protection Modes (Video):	Center-Shield, Shield-G	
Surge Current Rating (Power/Data):	2,000 Amps/pair (8/20 μ s) (Power), 114 Amps/pair (10/1000 μ s) (Data)	
Surge Current Rating (Video):	Center-Shield: 10,000A Shield-G: 150A	114A/pair (10/100 μ s) (Data)
Video Band Pass:	0Hz – 10MHz	0Hz – 2GHz
Impedance:	75 Ω	N/A

Mechanical Characteristics

Connection Method (Power/Data):	Screw Terminals (#22 - #14 AWG)	
Connection Method (Video):	BNC	Screw Terminals
Housing:	ABS	
Operating Temperature:	-40°F – 158°F (-40°C – 70°C)	
Dimensions:	3.86"L x 2.09"W x 1.37"H (98mm x 53mm x 35mm)	3.86L x 2.09"W x 1.59"H (98mm x53mm x 40mm)
Weight:	2.56oz (73g)	

Quality, Standards & Approval

Agency Approvals:	UL497B
Warranty:	Ten Year Limited Warranty

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